

CLAIMS

1. A method for providing a user with information on a subject depending on the user asking subject related questions to a computer system, the method comprising the steps of:
 - 5 (a) retrieving, by a computer system, study materials of the subject stored in the system;
 - (b) presenting, by the system, the study materials to a user;
 - (c) retrieving, by the system, a subject related question entered into the system by the user;
 - 10 (d) generating, by the system, an answer to the question;
 - (e) presenting, by the system, the answer to the user; and
 - (f) repeating, by the system, at least the steps of retrieving (c), generating (d) and presenting (e), so as to answer another question entered by the user on the subject.
- 15 2. A server computer that couples to a network and serves to provide users of client computers also connected to the network with information on subjects, said server computer being configured to:
 - (a) retrieve study materials of the subject stored on the network;
 - (b) present the study materials to a user;
 - 20 (c) retrieve a subject related question entered into a client computer by the user;
 - (d) generate an answer to the question;
 - (e) present the answer to the user; and
 - (f) repeat at least the retrieve (c), generate (d) and present (e), so as to answer another question entered by the user on the subject.
- 25 3. A method for providing a user with information on a subject depending on the user asking subject related questions to a computer system, the method comprising the steps of:
 - (a) retrieving, by a computer system, study materials of the subject stored in the system;
 - 30 (b) presenting, by the system, the study materials to a user;
 - (c) retrieving, by the system, a subject related question entered into the system by the user;
 - (d) generating, by the system, an answer to the question;
 - (e) presenting, by the system, the answer to the user; and

(f) optionally repeating, by the system, the steps of retrieving, generating and presenting, so as to answer another question entered by the user on the subject.

4. A server computer that couples to a network and serves to provide users of client computers also connected to the network with information on subjects, said server computer being configured to:

- (a) retrieve study materials of the subject stored on the network;
- (b) present the study materials to a user;
- (c) retrieve a first subject related question entered into a client computer by the user;
- (d) generate an answer to the question;
- (e) present the answer to the user; and

wherein if the user enters a second subject related question into the client computer, repeat at least the retrieve (c), generate (d) and present (e), so as to answer the user's second question.

5. A computer-implemented method for providing a user with information on a subject, said method comprising:

retrieving information on the subject for the user to learn about the subject;
presenting the information to the user;

determining at least one response associated with the subject that is related to a natural-language initial question asked by the user requesting information on the subject;
receiving a selection of a response from the user; and
forwarding information associated with the selected response to the user, thereby further providing the user with information on the subject.

6. A computer-implemented method as recited in claim 5, wherein said method uses semantic and grammatical processing.

7. A computer-implemented method as recited in claim 5, wherein said computer-implemented method is performed by a first computer, and wherein the initial question is asked by the user from a second computer, the second computer coupleable to first computer through a network.

8. A computer-implemented method as recited in claim 6, wherein the network comprises the Internet.
9. A computer-implemented method as recited in claim 7, wherein the information
5 forwarded to the user is an answer to the selected one of the plurality of responses.
10. A computer-implemented method as recited in claim 6, wherein the plurality of responses are stored in a database.
- 10 11. A computer-implemented method as recited in claim 6, wherein said determining of the plurality of responses associated with the subject operates to identify the plurality of responses from a large pool of predetermined responses.
12. A computer-implemented method as recited in claim 6, wherein said method further
15 comprises:
forwarding, after said determining and prior to said receiving, the plurality of responses to the user for the selection of one of the plurality of responses.
13. A computer-implemented method as recited in claim 6, wherein the plurality of
20 responses are natural language questions.
14. A computer-implemented method as recited in claim 5, wherein said determining comprises:
comparing at least a component in the initial question to numerous components stored
25 in a database to produce comparison information; and
selecting the plurality of responses based on the comparison information.
15. A computer-implemented method as recited in claim 5, wherein said method further comprises:
30 determining whether the initial question is ambiguous; and
resolving the ambiguity if the initial question is ambiguous.
16. A computer-implemented method as recited in claim 15, wherein said method uses semantic and grammatical processing.

17. A computer-implemented method as recited in claim 15,
wherein said determining whether the initial question is ambiguous operates to
identify a word in the initial question that is ambiguous due to its spelling, and

5 wherein said resolving operates to resolve the ambiguity in the initial question by at
least replacing the word with another word having a correct spelling.

18. A computer-implemented method as recited in claim 5, wherein said method further
comprises:

10 determining whether clarification of the initial natural language question about a
subject from the user is needed; and

prompting the user to clarify the initial natural language question when clarification of
the natural language question is determined to be needed.

15 19. A computer-implemented method as recited in claim 18,
wherein said method is performed by a first computer, which is coupleable through a
network to a second computer, where the initial question is entered, and
wherein said method uses semantic and grammatical processing.

20 20. A computer-implemented method for providing a user with information, said method
comprising:

sending informational materials from a server system to a client system via the
Internet so as to inform a user of the client system about a subject;

25 subsequently receiving, at the server system, a request to respond to a natural-
language question asked by the user, the natural language question being asked by the user at
the client system, and the natural language question being associated with the subject;

determining, at the server system, a response to the natural-language question, said
determining operating to at least analyze the natural-language question using at least
grammatical processing; and

30 sending the response to the natural-language question from the server system to the
client system via the Internet;

wherein the subject relates to a product that the user is interested in.

21. A computer-implemented method as recited in claim 20, wherein said method further comprises:

identifying additional informational materials related to the natural-language question;

and

5 sending the additional informational materials from the server system to the client system via the Internet.

22. A computer-implemented method as recited in claim 21, wherein said sending of the additional informational materials is performed when requested by the user.

10 23. A computer-implemented method as recited in claim 21, wherein said sending of the additional informational materials is automatically performed substantially simultaneous with said sending of the response.

15 24. A computer-implemented method as recited in claim 20, wherein the grammatical and semantic processing uses at least one grammatical rule and at least one semantic rule.

25. A computer-implemented method as recited in claim 20, wherein said method further comprises:

20 determining whether clarification of the natural language question is desirable; and

prompting the user to clarify the natural language question when clarification of the natural language question is determined to be desirable.

25 26. A computer-implemented method as recited in claim 20, wherein the response is an answer to the natural-language question.

27. A computer-implemented method as recited in claim 20, wherein said determining operates to transform at least a portion of the natural-language question into at least one instruction.

30 28. A computer-implemented method as recited in claim 27, wherein the server system has an information database coupled thereto, and wherein the instruction is a query for the database.

29. A computer-implemented method as recited in claim 20, wherein said determining is independent of at least one word in the natural-language question, and the response depends on a correct spelling of at least one misspelled word in the natural-language question.

5 30. A computer-implemented method as recited in claim 20, wherein the server system keeps track of a unique identifier of the user.